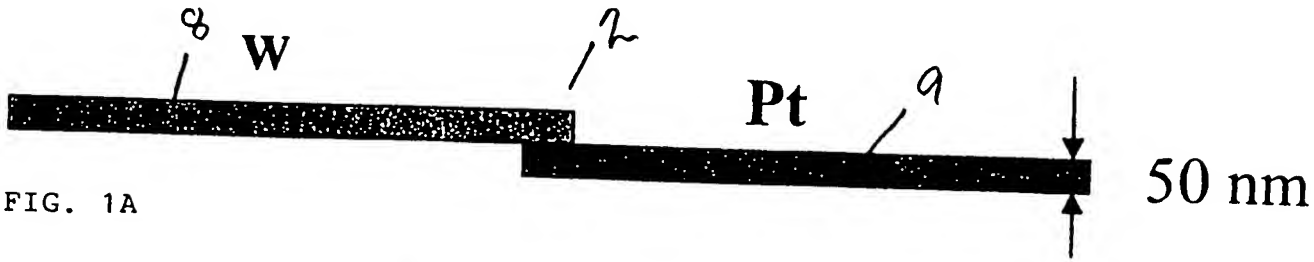

FIG. 1A

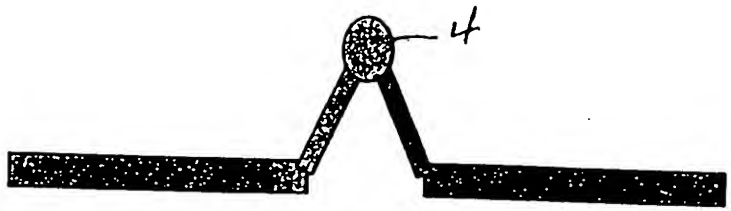

FIG. 1B

FIG. 1C

BEST AVAILABLE COPY

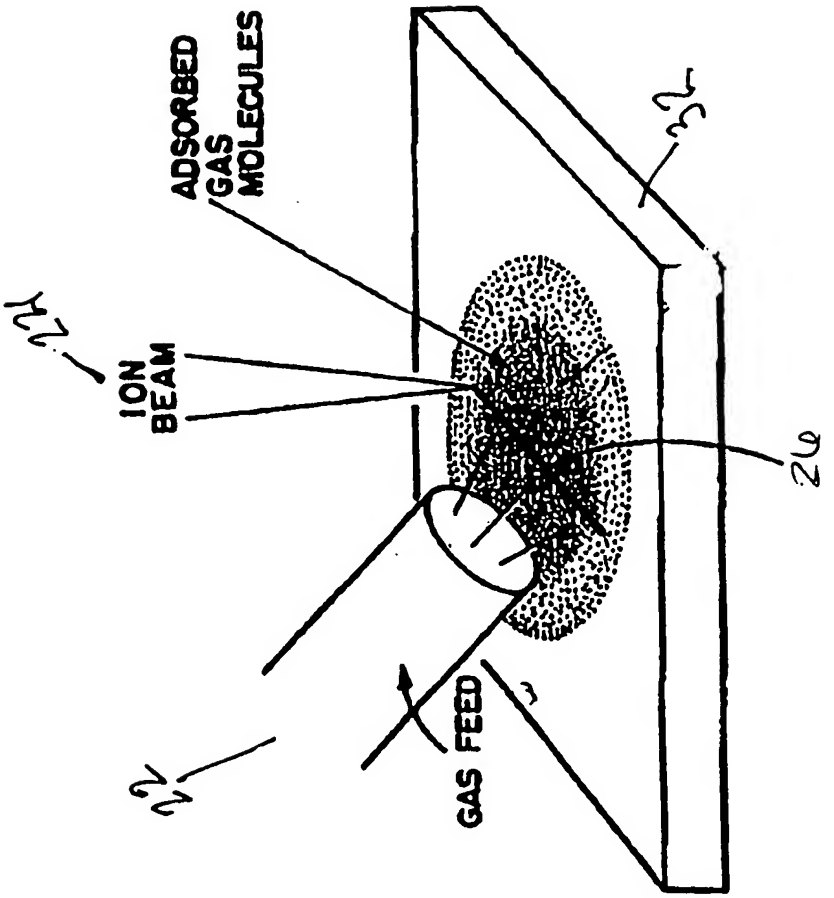

FIG. 2

BEST AVAILABLE COPY

Top View

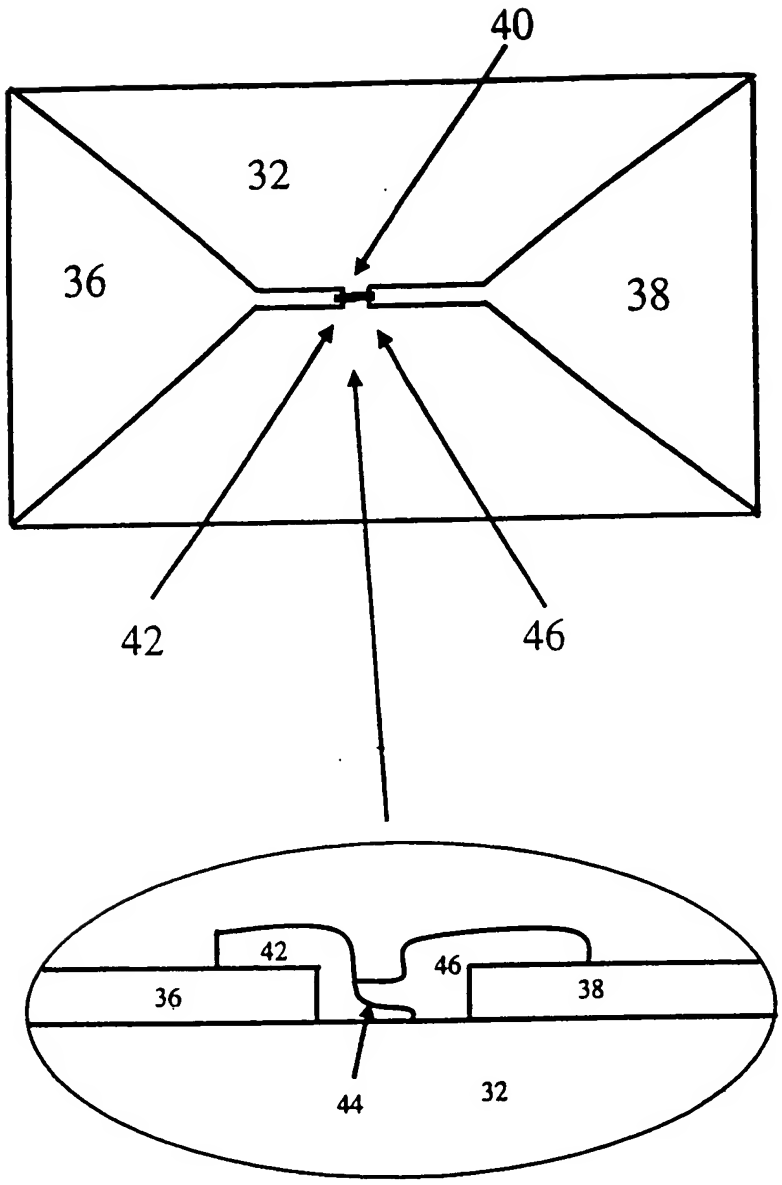

Figure-3

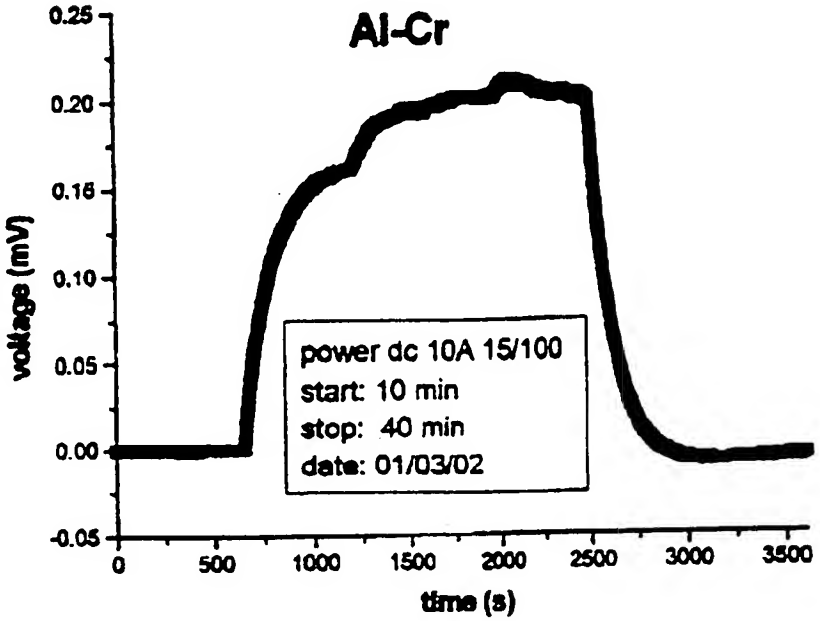
Al-Cr
0.25
0.20
0.15
0.10
0.05
0.00
-0.05
voltage (mV)
power dc 10A 15/100
start: 10 min
stop: 40 min
date: 01/03/02
0
500
1000
1500
2000
2500
3000
3500
time (s)

FIG. 4

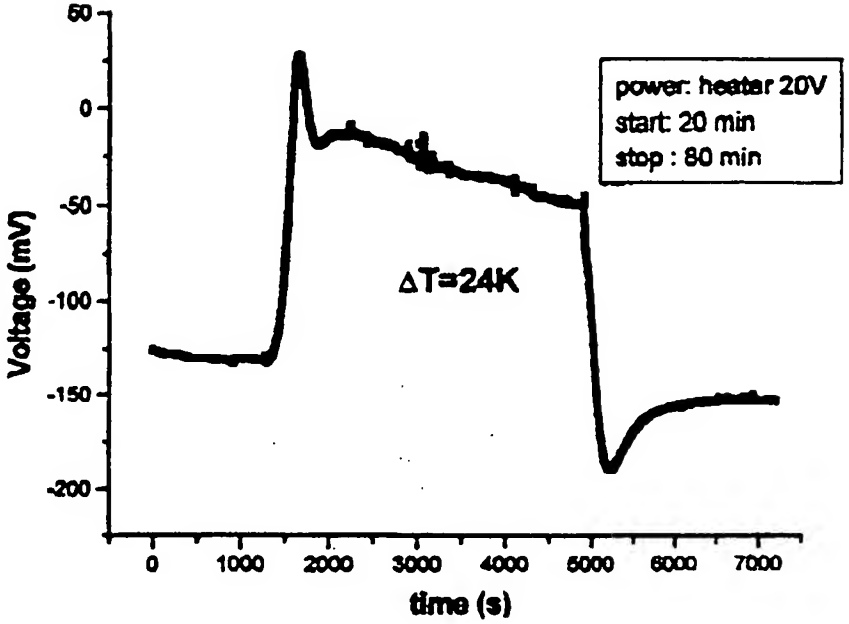
power: heater 20V
start: 20 min
stop : 80 min
ΔT=24K
Voltage (mV)
time (s)
60
0
-50
-100
-150
-200
0
1000
2000
3000
4000
5000
6000
7000

FIG. 5